

# HYPER CURE

FLEXIBLE EPOXY GEL REPAIR

## PRODUCT OVERVIEW

HyperCURE is a two-component, 100% solids flexible epoxy gel repair system designed for rapid curing and superior adhesion. Its exceptional flexibility and bonding properties make it ideal for repairing cracks, filling joints, leveling divots, and applying gel on vertical surfaces. HyperCURE delivers a durable, long-lasting repair while maintaining ease of application. It can be applied in thin or thick layers, creating a seamless, resilient surface that absorbs impacts and resists chipping. This makes HyperCURE perfect for industrial, commercial, and residential flooring repairs where both strength and flexibility are required.

## KEY FEATURES

- Low VOC Formulation
- Low Odor
- Rapid Cure
- Rapid Return-to-Service
- Cold-Temp Workability & Cure
- High Flexibility
- Crack-Bridging Ability
- No Sag & Minimal Shrinkage
- Strong Adhesion
- Dynamic Repair Compatible

## COLOR OPTIONS



CLEAR

## APPLICATION CONSIDERATIONS

- Higher ambient, product, and substrate temps will decrease working time and dry time
- Not UV stable
- Fast set product, mix small batches at a time
- Surface, cracks, divots, and joints shall be dry prior to application

## PHYSICAL CHARACTERISTICS

<b>SOLIDS CONTENT</b>	100%
<b>VOLUMETRIC MIX RATIO</b>	1A:1B
<b>POTLIFE</b>	10 Minutes @ 75°F
<b>TACK FREE</b>	15-30 Minutes @ 75°F
<b>LIGHT FOOT TRAFFIC</b>	1 Hour @ 75°F
<b>FULL CURE</b>	3-5 Days
<b>APPLICATION TEMPERATURE</b>	45°F - 90°F   RH <85%
<b>COVERAGE RATE</b>	307 lf/kit @ 1/8" x 1/8"
<b>SHELF LIFE UNOPENED</b>	1 Year
<b>PACKAGING</b>	0.5 Gal Kit

## TECHNICAL PROPERTIES

<b>TENSILE STRENGTH</b>	ASTM D638	2,450 psi
<b>FLEXURAL STRENGTH</b>	ASTM D624	1,282 psi
<b>ELONGATION</b>	ASTM D638	100%
<b>HARDNESS</b>	ASTM D2240	Shore D 70
<b>ADHESION</b>	ASTM D4541	400 psi
<b>IMPACT RESISTANCE DIRECT &amp; REVERSE 50 IN/LBS</b>	ASTM D5420	Pass
<b>ABRASION RESISTANCE CS-17 WHEEL, 1000G LOAD, 500 CYCLES</b>	ASTM D4060	43 mg loss

## CHEMICAL RESISTANCE

Refer to Floorguard Products Chemical Resistance Chart.

## REQUIREMENTS

- Substrate should have a compressive strength of 3,500 psi or higher.
- Substrate should have Moisture Vapor Emission Rate (MVER) of <3lbs per ASTM F1869 and Relative Humidity (RH) of <80% per ASTM F2170. If using Tramex concrete moisture meter, moisture content should be <4%.
- Substrate should have pH level between 6-9.
- Concrete must be structurally sound and free of all contaminants and bond breakers.
- Concrete should be mechanically profiled and prepared to Concrete Surface Profile (CSP) level between 2-4 per ICRI 310.2R
- All perimeter areas of coating termination shall be masked for protection. Saw cut and key-in all termination points.
- All depressions, divots and cracks should be profiled, dust and contaminant free, and repaired to prevent defects showing through the coating.
- Honor all dynamic (moving) joints, static joints may be filled. Use dynamic joints as initiation and termination points during application process where needed.
- Ambient and substrate temps should be above 45°F and a minimum of 5°F above Dew Point.
- Product temps should be between 70-80°F.
- Ambient relative humidity should not exceed 80% during coating application.

## PRECAUTIONS

- Refer to Safety Data Sheets (SDS) for safety precautions.
- Safety precautions must be followed during storage, handling, and use.
- Personal Protective Equipment (PPE) shall be worn at all times of the application process including but not limited to long sleeve shirts or disposable arm sleeves, safety glasses, nitrile gloves and properly fitted NIOSH respirators.
- All sources of ignition should be turned off and environment should have proper and adequate ventilation during application and curing process.
- Mixing area should be placed on or in close proximity to project. Area should be securely covered in plastic, cardboard, or tarp to protect from drips and spills.
- Stage materials, tools, and cleaning supplies in a shaded area, out of direct sunlight, within the mixing area prior to start of application process.
- Clean up mixing station and application tools after use with a VOC exempt solvent. Follow all legal, health, and safety precautions when handling or storing solvents and materials, particularly in confined spaces.
- Dispose of empty packaging and other waste in accordance with federal, state, provinces and local regulations.

## APPLICATION TOOLS

- Drill with Jiffy Mixing Paddle
- Putty Knife
- Flat Trowel

## MIXING PROCEDURE

1. Pre-Mix A-Component in its respective container using Jiffy mixer and drill at slow speeds for 30 seconds until pigment is thoroughly homogeneous
2. Pre-Mix B-Component in its respective container using clean Jiffy mixer and drill at slow speeds for 30 seconds or until thoroughly homogeneous.
3. Transfer A-component and B-component at a mix rate of 1A:1B by volume into a clean bucket and mix for 2-3 minutes being sure to scrape sides of the bucket with a stir stick ensuring both components are thoroughly blended

## COVERAGE RATES & WORKING TIMES

- Crack Repair: 307 lf / Kit @ 1/8" x 1/8"

- 15 Minute Working Time @ 55°F
- 10 Minute Working Time @ 70°F
- 5 Minute Working Time @ 88°F

## APPLICATION PROCEDURE

1. Use a putty knife or trowel to apply the repair gel into properly profiled cracks, divots and spalls
  - Apply mixed material immediately
  - Can be filled flush with surface
2. Allow coating to dry : 30-60 Mins @ 55°F  
15-30 Mins @ 75°F  
5-10 Mins @ 88°F
  - Do not force dry
  - Recoat: 15-30 Mins @ 75°F

## MAINTENANCE

Inspect the installed floor by spot cleaning and spot repairing the damaged or cracked areas. To prolong life of the flooring system, a daily maintenance program is highly recommended to ensure the floor is safe for its intended purposes.

## TECHNICAL SUPPORT

For questions, contact a Floorguard Products Representative. Additional Support Documents are available from Floorguard Products, including brochures, application guidelines, videos and more. Visit [floorguardproducts.com](http://floorguardproducts.com) or contact for additional resources

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